

Application No. 09/334,510
Amendment dated August 12, 2005
In reply to Final Office Action dated May 20, 2005

Docket No. 12:2-4544

Amendments to the Claims:

Claims 5-11, 17, 19, 20, 22 and 23 are pending in this application. Claims 5, 19 and 22 are independent.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-4 (CANCELLED):

5 (CURRENTLY AMENDED): A scanning system comprising:

a print device with a scanner function, which allows printing and scanning by selectively mounting a print head and a scan head on a head mounting portion, wherein said print device includes a first detector configured to detect that said scan head is mounted on said head mounting portion and a second detector configured to detect an original to be scanned in the scanning; and

an external computer which is connected to said print device to be able to communicate therewith, and comprises a scanner software for controlling scanning operation of said print device,

wherein said print device automatically communicates with said external computer to start said scanner software when said first detector detects that said scan head is mounted on said head mounting portion and provide an interface to a user, and to execute the scanning by said scan software when said second detector detects the original to be scanned in the scanning in a case that said first detector detects said scan head or a scanning start is instructed by the user via said interface.

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6 (ORIGINAL): The system according to claim 5, wherein said print device is designed to send a scanner start signal to said external computer when said scan head is mounted on said head mounting portion, said scanner software comprises a detection module for detecting the scanner start signal, said detection module alone in said scanner software is running in a standby state in which said printer device has not been started as a scanner, and modules other than said detection module in said scanner software are started when said detection module detects the scanner start signal.

7 (ORIGINAL): The system according to claim 6, wherein when all the modules in said scanner software are running, said detection module uses a sufficiently small work area of said external computer compared to other modules.

8 (ORIGINAL): The system according to claim 5, wherein said print head is an ink-jet print head.

9 (PREVIOUSLY PRESENTED): The system according to claim 5, said scanner software further comprising a prescan selection module for selecting whether or not a prescan is made upon scanning the original, and wherein when said scanner software is started and it is selected by said prescan selection module that the prescan is to be made, an image of the original is prescanned and read into said scanner software.

10 (ORIGINAL): The system according to claim 9, wherein said scanner software displays the prescanned and read image.

11 (PREVIOUSLY PRESENTED): A scanning system according to claim 5, wherein said external computer further comprises an application software which can edit an image scanned by

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said print device, and said print device communicates with said external computer to transfer the read image to said application software.

12-16 (CANCELLED):

17 (PREVIOUSLY PRESENTED): The system according to claim 11, wherein said scanner software comprises an application software run detection module for detecting whether or not said application software is running.

18 (CANCELLED):

19 (CURRENTLY AMENDED): A method of controlling a scanning system, which comprises a print device with a scanner function, which allows printing and scanning by selectively mounting a print head and a scan head on a head mounting portion, wherein said print device includes a first detector configured to detect that said scan head is mounted on said head mounting portion and a second detector configured to detect an original to be scanned in the scanning, and an external computer which is connected to said print device to be able to communicate therewith, and comprises a scanner software which can control scanning of said print device, comprising the step of:

controlling said print device to automatically communicate with said external computer so as to start said scanner software when said first detector detects that said scan head is mounted on said head mounting portion and provide an interface to a user, and to execute the scanning by said scan software when said second detector detects the original to be scanned in the scanning in a case that said first detector detects said scan head or a scanning start is instructed by the user via said interface.

20 (PREVIOUSLY PRESENTED): A method according to claim 19, wherein said external

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computer further comprises an application software which can edit an image scanned by said print device, and said print device is controlled to communicate with said external computer to transfer the read image to said application software in said controlling step.

21 (CANCELLED):

22 (CURRENTLY AMENDED): A storage medium that stores a control program for controlling a scanning system, which comprises a print device with a scanner function, which allows printing and scanning by selectively mounting a print head and a scan head on a head mounting portion, wherein said print device includes a first detector configured to detect that said scan head is mounted on said head mounting portion and a second detector configured to detect an original to be scanned in the scanning, and an external computer which is connected to said print device to be able to communicate therewith, and comprises a scanner software which can control scanning of said print device, said control program comprising:

a code of the step of controlling said print device to automatically communicate with said external computer so as to start said scanner software when said first detector detects that said scan head is mounted on said head mounting portion and provide an interface to a user, and to execute the scanning by said scan software when said second detector detects the original to be scanned in the scanning in a case that said first detector detects said scan head or a scanning start is instructed by the user via said interface.

23 (PREVIOUSLY PRESENTED): A storage medium according to claim 22, wherein said external computer further comprises an application software which can edit an image scanned by said print device, and said print device is controlled to communicate with said external computer to transfer the read image to said application software in said controlling step.

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24-29 (CANCELLED):